

**Lake Hodges Dam
Sunny Day Dam Breach
Overview**

**San Diego County, California
State Dam ID: 8.003
& National Dam ID: CA00108**



Modeling Date: March-2018
Map Creation Date: September-2018
By: J. Weber

- Legend**
- Cross Section
 - Flow Path
 - Detailed Sheet Extent
 - Approx. Maximum Flooding Extent

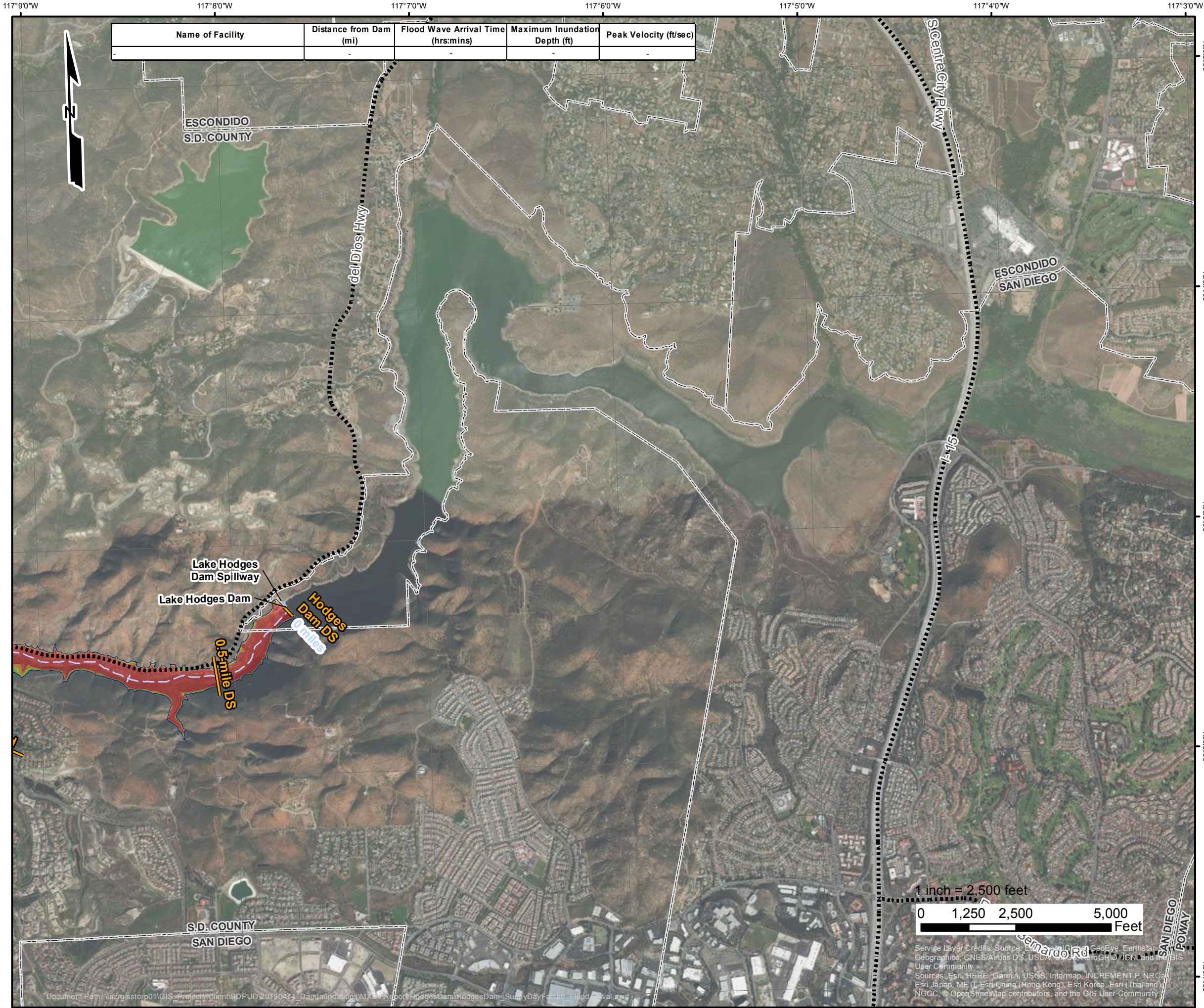
Notes:

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3. All elevations are reported in the NAVD88 vertical datum.
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5. Mapped depths and arrival times will vary based on breach conditions, hydrologic conditions, modelling assumptions, and other factors. Emergency action plans that utilize these maps may want to consider a factor of safety for arrival times.

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San Diego, CA 92101
(619) 831-4600

Engineer Elizabeth Bissonnette

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Lake Hodges Dam Sunny Day Dam Breach Flood Arrival Times

San Diego County, California
State Dam ID: 8.003
& National Dam ID: CA00108

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Legend

Critical Structures

- Critical Road Point
- CalFire Facility
- Licensed Healthcare Facility
- Law Enforcement Facility
- School

- Critical Road
- Approx. Time to 1 Foot Depth (hrs:mins)
- Cross Section
- Flow Path
- Approx. Maximum Flooding Extent
- Municipal Boundary

Maximum Inundation Depth (ft)

1 to 2	* Variations in color are dependent upon the background imagery.
2 to 5	
5 to 10	
10 to 20	
20+	

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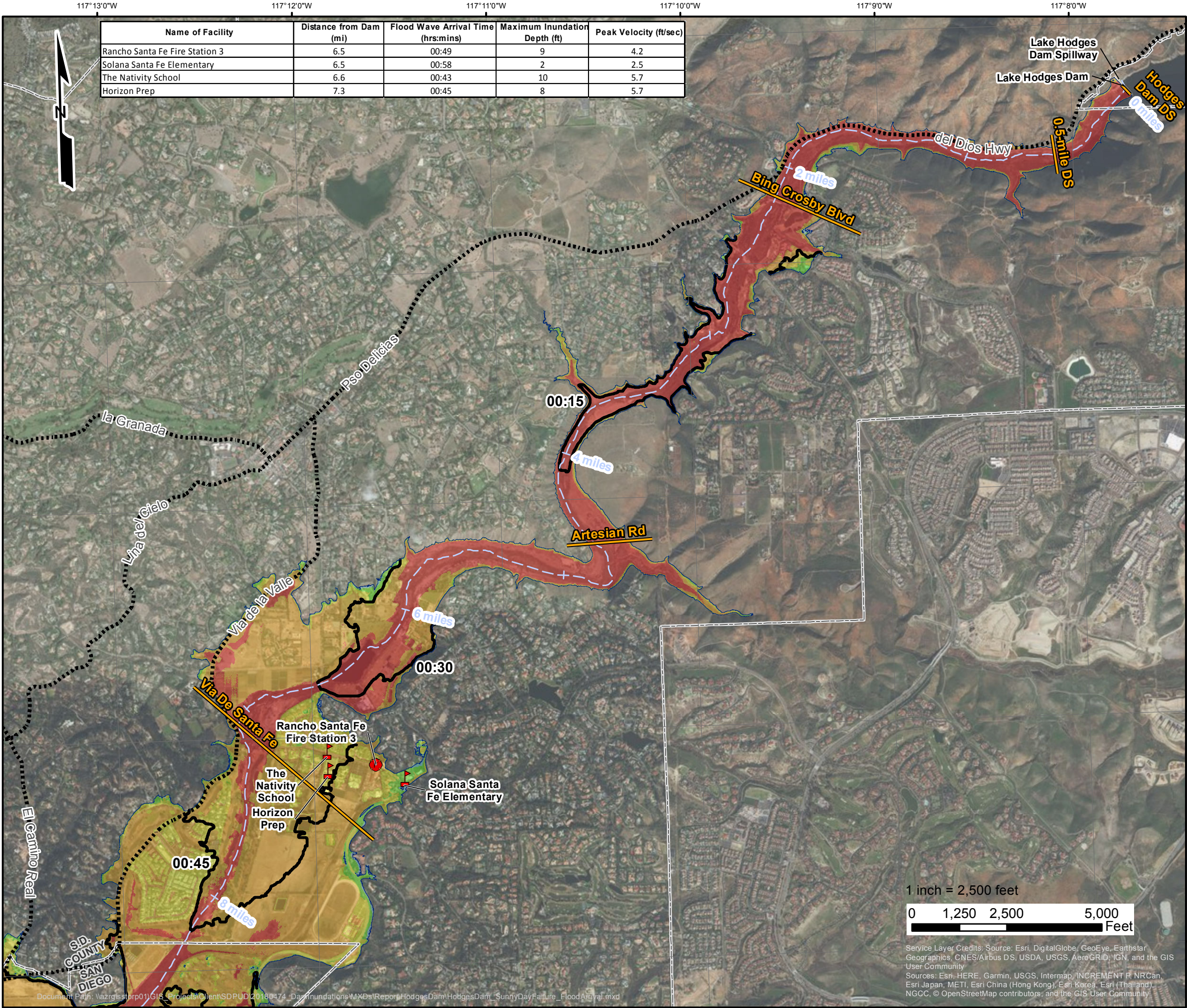
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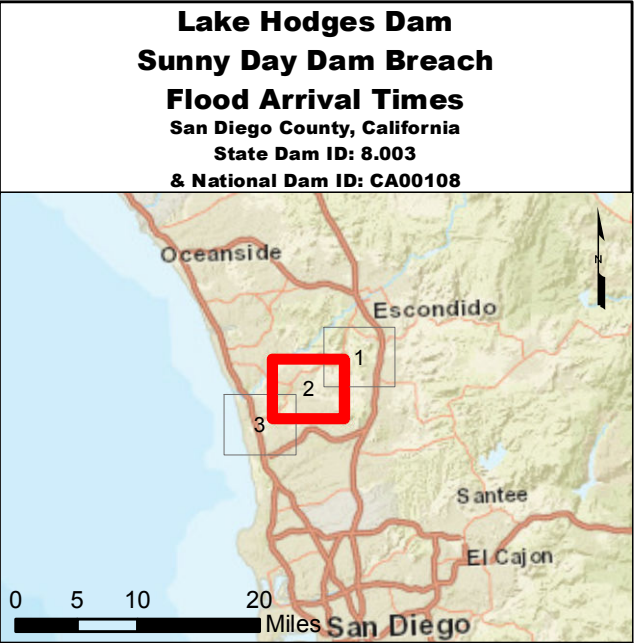
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Name of Facility	Distance from Dam (mi)	Flood Wave Arrival Time (hrs:mins)	Maximum Inundation Depth (ft)	Peak Velocity (ft/sec)
Rancho Santa Fe Fire Station 3	6.5	00:49	9	4.2
Solana Santa Fe Elementary	6.5	00:58	2	2.5
The Nativity School	6.6	00:43	10	5.7
Horizon Prep	7.3	00:45	8	5.7



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— Approx. Time to 1 Foot Depth (hrs:mins)

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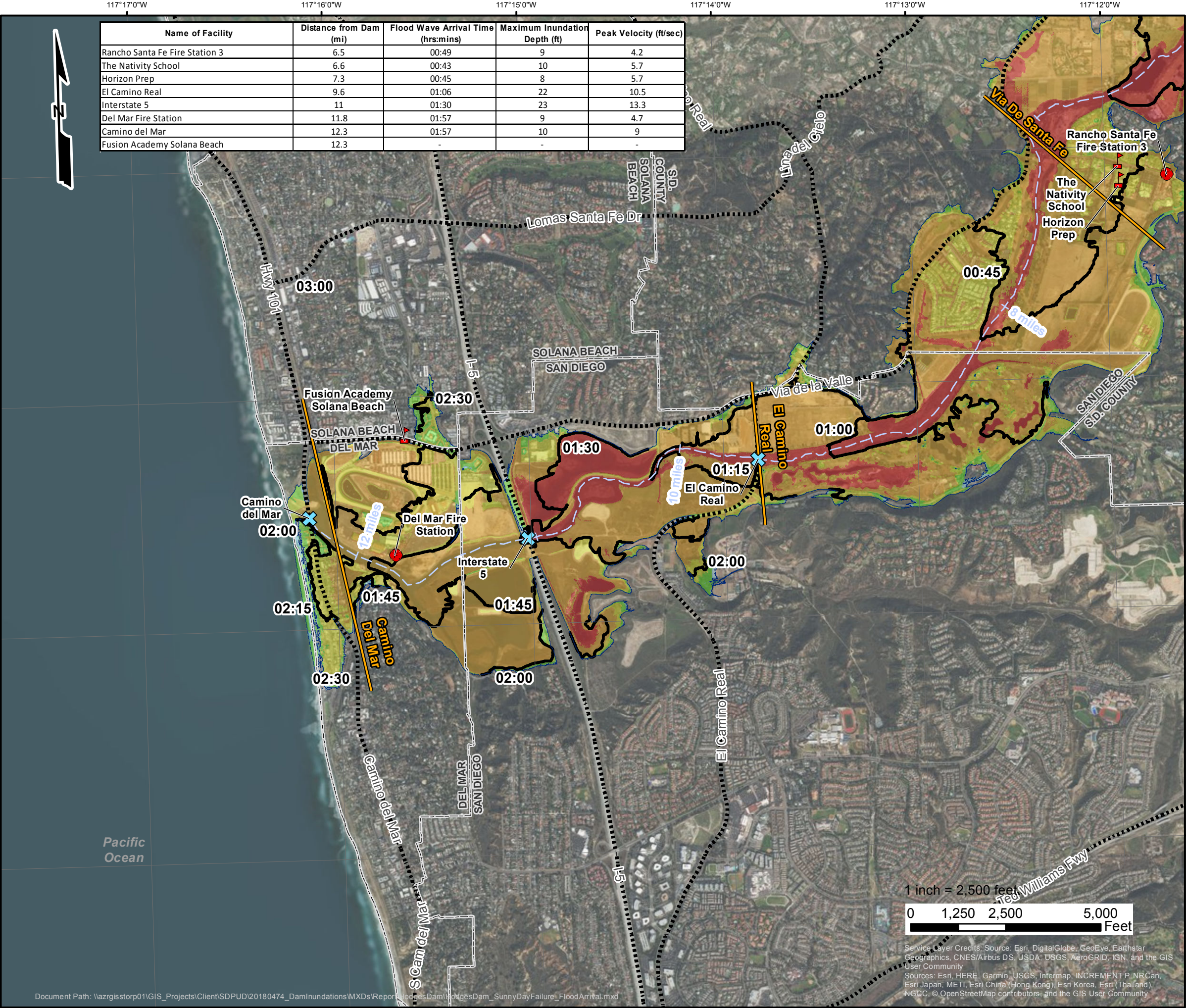
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The Nativity School	6.6	00:43	10	5.7
Horizon Prep	7.3	00:45	8	5.7
El Camino Real	9.6	01:06	22	10.5
Interstate 5	11	01:30	23	13.3
Del Mar Fire Station	11.8	01:57	9	4.7
Camino del Mar	12.3	01:57	10	9
Fusion Academy Solana Beach	12.3		-	-

Lake Hodges Dam Sunny Day Dam Breach Flood Arrival Times

San Diego County, California
State Dam ID: 8.003
& National Dam ID: CA00108

051020Miles San Diego

Modeling Date: March-2018
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Legend

Critical Structures

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- Critical Road
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Maximum Inundation Depth (ft)

1 to 2
2 to 5
5 to 10
10 to 20
20+

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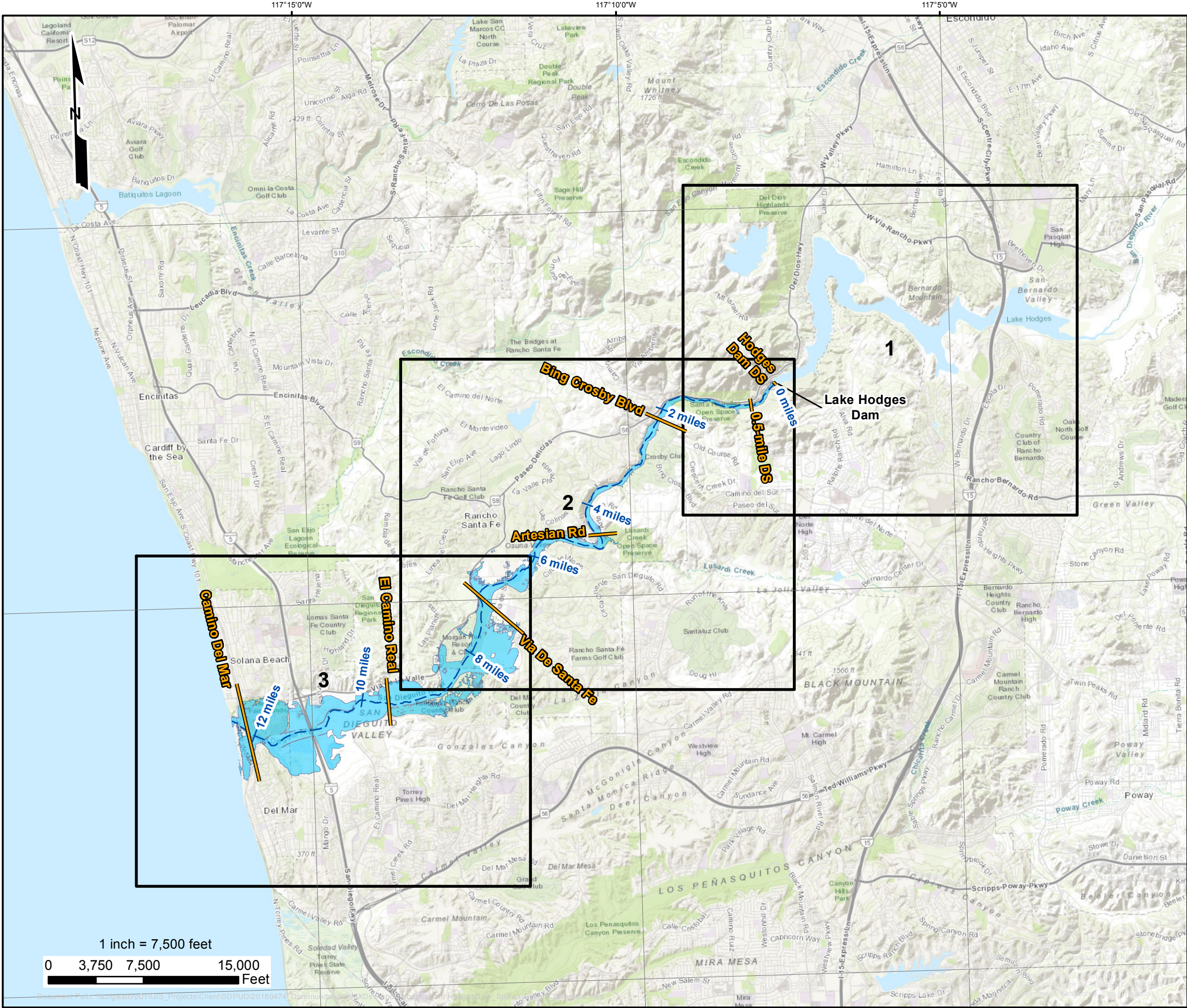
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Lake Hodges Dam Sunny Day Spillway Breach Overview

San Diego County, California
State Dam ID: 8.003
& National Dam ID: CA00108



Modeling Date: March-2018
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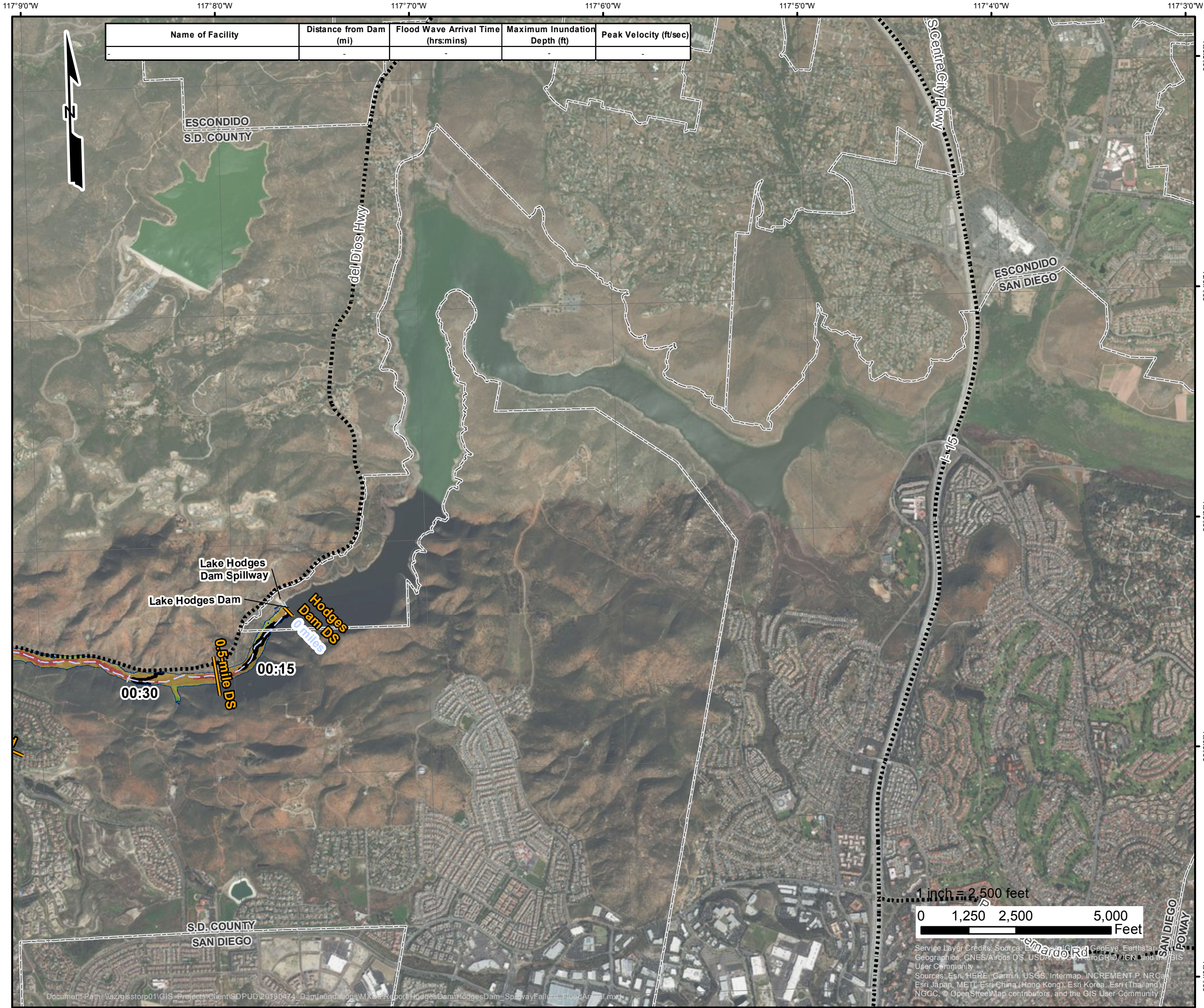
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Legend

Critical Structures

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Critical Road

Approx. Time to 1 Foot Depth (hrs:mins)

Cross Section

Flow Path

Approx. Maximum Flooding Extent

Municipal Boundary

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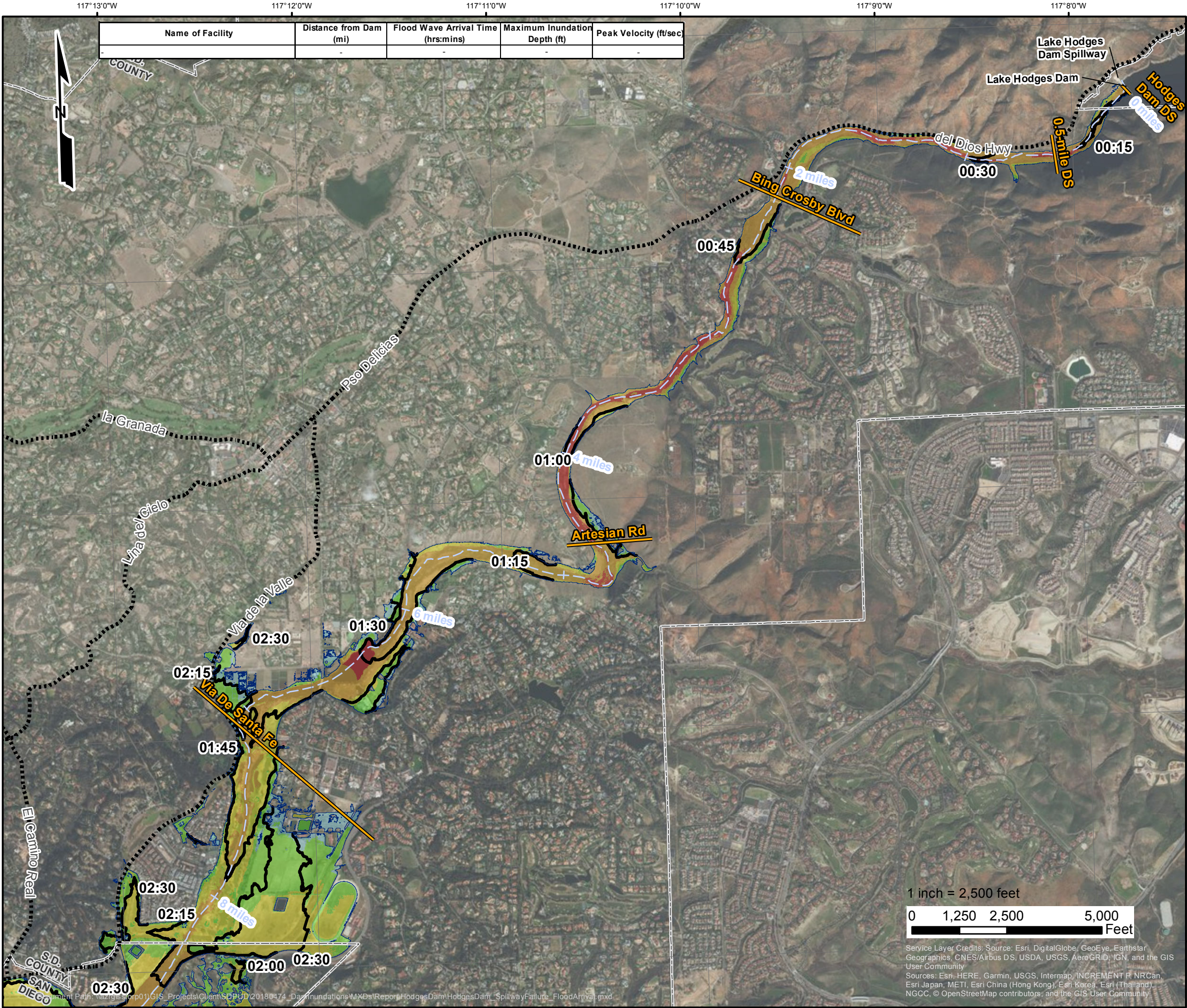
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